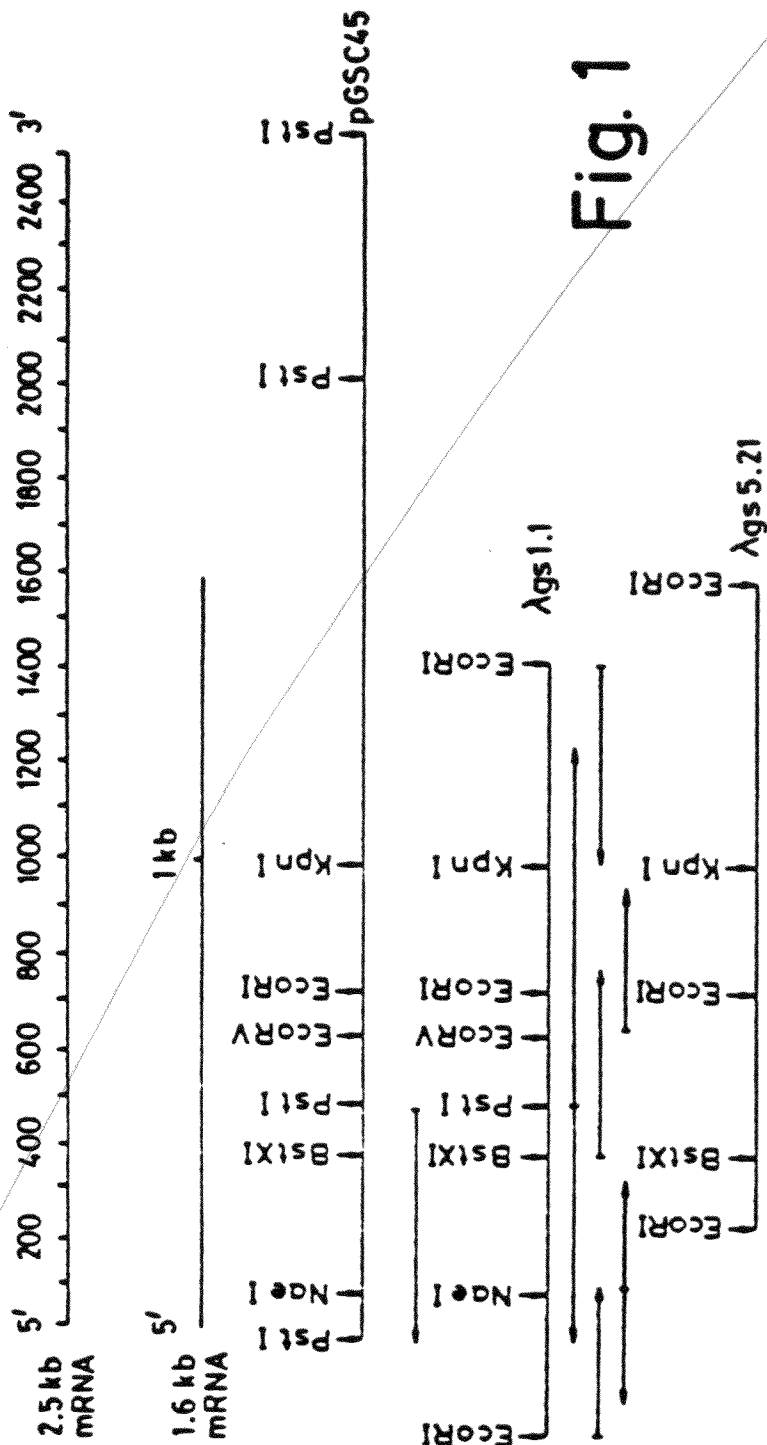


A. Meents: Richard Harris W 20M
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AH3 DK+ CARPR 0022 C2

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8/16/5533



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Fig. 2b

a: 380 390 400 410 420 430 440
 GACATGATCTCAGCCCTGTTGCCCATGTTTCGGGACCCCTTCCGGCAGAGATCCCAACAAGCTGGTCTCTGTGAA
 b: D M Y L S P V A M F R D P P R R D P N K L V P C E
 c: M Y L V P a A M F R D P P F k R D P N X L V P C E
 d: CB XII-C CB VI-C
 75 80 85 90 95

a: 450 460 470 480 490 500 510 520
 GTTTC AAGTACAACCGGAGCCTGCAGAGACCAATTTAAGGCACCTCGTGTAAACGGATAATGGACATGGTGAGC
 b: V F K Y N R K P A E T N L R H S C K R I M D M V S
 c: V F X Y N k r P A E T N L X X t C M B M V S
 d: CB XIV CB XII-C
 100 105 110 115 120

a: 530 540 550 560 570 580 590
 AACCCAGCACCCCTGGTTGGAATGGAACAGGAGTATCTCTGATGGGAACAGATGGGCACCCCTTTGGTGGCCT
 b: N Q H P W F G M E Q E Y T L M G T D G H P F G W P
 c: N Q X P P F G M E Q E Y T L M G T r G r P P G X P
 d: CB XII-A CB VI-D
 125 130 135 140 145

a: 600 610 620 630 640 650 660 670
 TCCAATGGCTTCTCGGCCCAAGTCCGATTAATCTGTGTGGGGCAGACAAAGCCCTATGGCAGGGATATC
 b: S N G F P G P Q G P Y Y C G V G A D K A Y G R D I
 c: S N C F X G P Q a
 d: 150 155 160 165 170

Agents: Richard Harris
 S.N. To be Assigned
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Fig. 2c

	680	690	700	710	720	730	740	
a:	GTGGAGGCTCACTACCGCGCTGCTTGATGCTGGGTCAAGATTACAGGAACAATGCTGAGGTCATGCGCTGCC							
b:	V E A H Y R A C L Y A G V K I T G T N A E V M P A							
c:	A C L Y A G i K 9 G T N X X V M P A							
d:	T VII-G	185	190	- CB VI-D	195			CB XI-H

	750	760	770	780	790	800	810	820
a:	CAGTGGGAATTCCTCAATAGGACCTGTGAAGGAATCCGATGGGAGATCATCTCTGGGTGGCCCGTTTCATCTTG							
b:	Q W E F Q I G P C E G I R M G D H L W V A R P I L							
c:	Q W E F Q I G P C E G I d M	215	220					
	200	205	210					

	830	840	850	860	870	880	890
a:	CATCGAGTATGTGAAGACTTTGGGGTAATAGCAACCTTTGACCCCAAGCCCATTCCTGGGNACTGGAATGGTGCA						
b:	H R V C E D P G V I A T P D P K P I P G N W N G A						
	225	230	235	240	245		

	900	910	920	930	940	950	960	970
a:	GGCTGCCATACCAACTTTAGCACCAAGCCCATGCGGGAGGAGATGGTCTGAAGCACATCGAGGAGGCCATCGAG							
b:	G C H T N F S T K A M R E E N G L K H I E E A I E							
c:	M X E E N G L K Y I E E A I E							
d:	CB III-C	260	265	270				
	250	255	260	265	270			

Fig. 2d

980 990 1000 1010 1020 1030 1040
 a: AACTAAGCAAGCGCACCGGTACCAACATTCGAGCCTACGATCCCAAGGGGGCCCTGGACAATGCCCGTGGTCTG
 b: K L S K R H R Y H I R A Y D P K G G L D N A R G L
 c: X L St K s n i n y q A Y B P K
 d: T IX-B-2 275 280 285 290 295
 T IX-B-1

1050 1060 1070 1080 1090 1100 1110 1120
 a: ACTGGGTCCACGAACGTCCCAACATCAACGACTTTCTGCTGGTGTGCGCCAATCGCAGTCCAGCATCCGCATT
 b: T G F H E T S N I N D F S A G V A N R S A S I R I
 c: T S N I N Y q
 d: (-CB III-C) 300 305 310 315 320
 T IX-C-1

1130 1140 1150 1160 1170 1180 1190
 a: CCCCCGACTGTGCGCCAGGAGAGAAGGTTACTTTGAAGACCGCGCCCTCTGCCAATGTGACCCCTTTGCA
 b: P R T V G Q E K K G Y F E D R R P S A N C D P P A
 c: P R
 d: T IX-E 325 330 335 340 345

1200 1210 1220 1230 1240 1250 1260 1270
 a: GTGACAGAAGCCCATCGTCCGCACATGCCCTTCTCAATGAGACTGGCGACGAGCCCTTCCAAATACAAAATAATTA
 b: V T E A I V R T C L L N E T G D E P F Q Y K N ***
 c: T C L L N Z T G B Z P P Q Y K
 d: T VI-K 350 355 360 365 370 372

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 Atty Dkt: CARPR 002202

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1280 1290 1300 1310 1320 1330 1340
 a: GACTTTGAGTGATCTTGAGCCCTTTCCTAGTTTCATCCACCCCGCCCGCTGCTCATTTGTAACCTCAAGGATGG

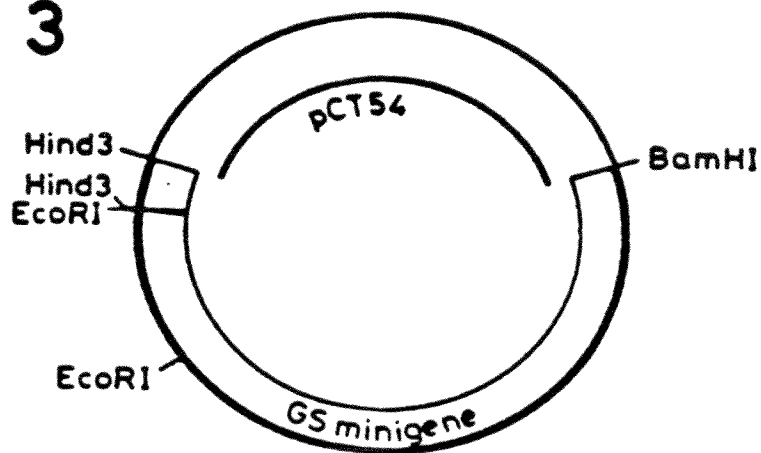
1350 1360 1370 1380 1390 1400 1410 1420
 b: AATATCAAGGTCCTTTTATTCCCTCGTGCCCAAGTTAATCTTGCTTTTATTGGTCAGAAATAGAGGAGTCAAGTTCTT
 c: AATATCAAGGTCCTTTTATTCCCTCGTGCCCAAGTTAATCTTGCTTTTATTGGTCAGAAATAGAGGAGTCAAGTTCTT

Fig. 2e

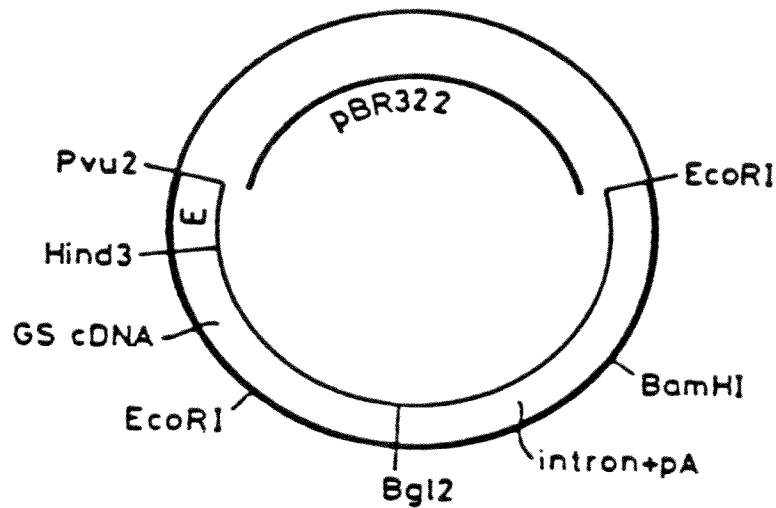
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Fig. 3

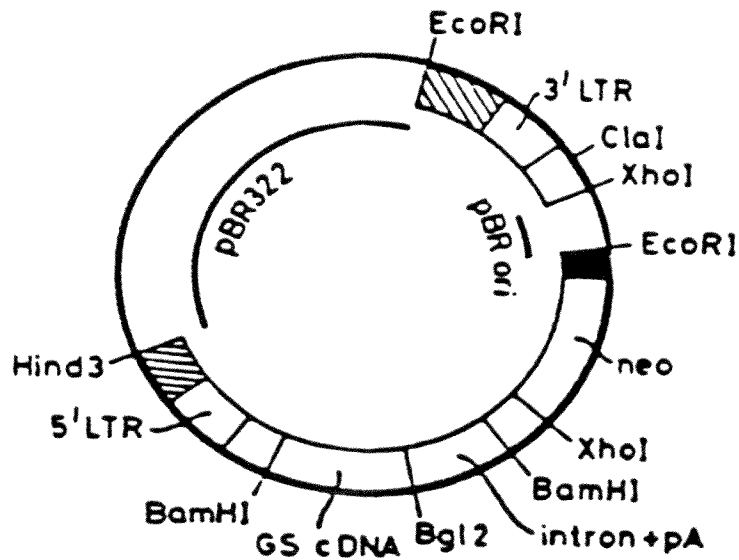
a) pSVLGS.1



b) pSV2.GS



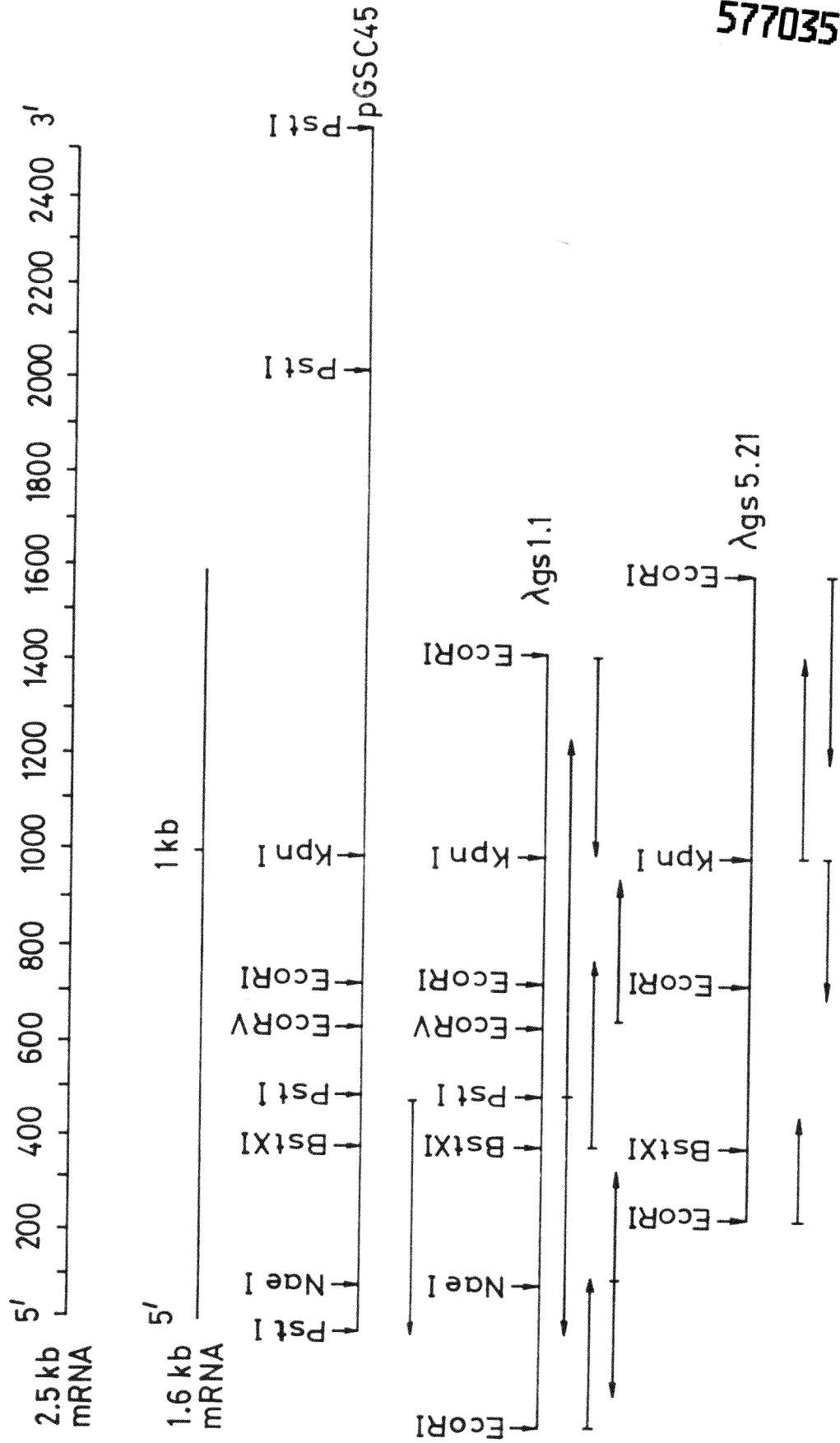
c) pZIPGS



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FIG. 1



APPROVED	O.G. FIG	
BY	CLASS	SUBC
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FIG. 2b

380 390 400 410 420 430 440
 a: GACATGATCTCAGCCCTGTGTCATGTTTCGGGACCCCTTCGCGAGAGATCCCAACAAGCTGGTGTCTGTGAA
 b: D M Y L S P V A M F R D P F R R D P N K L V F C E
 c: M Y L V P a A M F R D P F k R D P N X L V F C E
 d: CB XII-C CB VI-C
 75 80 85 90 95

450 460 470 480 490 500 510 520
 a: GTTTTCAAGTACAACCGGAAGCCTGCAGAGACCAATTTAAGGCACCTCGTGTAACGGATAATGGACATGGTGAGC
 b: V F K Y N R K P A E T N L R H S C K R I M D M V S
 c: V F X Y N k r P A E T N L X X t C M B M V S
 d: CB XIV CB XII-C
 100 105 110 115 120

530 540 550 560 570 580 590
 a: AACCAGCACCCCTGGTTTGGAAATGGAACAGGAGTACTCTGATGGGAACAGATGGGCACCCCTTTGGTGGCCT
 b: N Q H P W F G M E Q E Y T L M G T D G H P F G W P
 c: N Q X P X F F G M E Q E Y T L M G T r G r P F G X P
 d: CB XII-A CB VI-D
 125 130 135 140 145

600 610 620 630 640 650 660 670
 a: TCCAATGGCTTTCCTGGGCCCCCAAGTCCCGTATTACTGTGTTGGGCGCAGACAAAGCCTATGGCAGGATATC
 b: S N G F P G P Q G P Y Y C G V G A D K A Y G R D I
 c: S N C F X G P Q a 160 165 170
 150 155

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FIG. 2c

680 690 700 710 720 730 740
a: GTGGAGGCTCACTACCGCGCCTGCTTGTATGCTGGGGTCAAGATTACAGGAACAAATGCTGAGGTCATGCCTGCC
b: V E A H Y R A C L Y A G V K I T G T N A E V M P A
c: A C L Y A G i K g G T N X X V M P A
d: T VII-G - CB VI-D CB XI-H
175 180 185 190 195

750 760 770 780 790 800 810 820
a: CAGTGGGAATTCCAAATAGGACCCCTGTGAAGGAATCCGCATGGGAGATCATCTCTGGGTGGCCCGTTTCATCTTG
b: Q W E F Q I G P C E G I R M G D H L W V A R F I L
c: Q W E F Q I G P C E G I d M 215 220
200 205 210

830 840 850 860 870 880 890
a: CATCGAGTATGTGAAGACTTTGGGGTAATAGCAACCTTTGACCCCAAGCCCATTCCTGGGAATGGAATGGTGCA
b: H R V C E D F G V I A T F D P K P I P G N W N G A
225 230 235 240 245

900 910 920 930 940 950 960 970
a: GGCTGCCATACCAACTTAGCACCAAGGCCATGCGGGAGGAGAAATGGTCTGAAGCACACATCGAGGAGGCCATCGAG
b: G C H T N F S T K A M R E E N G L K H I E E A I E
c: M X E E N G L K Y I E E A I E
d: CB III-C 255 260 265 270

APPROVED	O.G. FIG	
BY	CLASS	SURE
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FIG. 2d

980 990 1000 1010 1020 1030 1040
a: AAATAAGCAAGCGGACCGGTACCAATTCGAGCCTACGATCCCAAGGGGGCCTGGACAATGCCCGTGTCTG
b: K L S K R H R Y H I R A Y D P K G G L D N A R G L
c: X L St Ks n i n y q A Y B P K
d: T IX-B-2 280 285 290 295
T IX-B-1

1050 1060 1070 1080 1090 1100 1110 1120
a: ACTGGGTTCCACGAAACGTCACATCAACGACTTTCTGCTGGTGTGCGCCAATCGCAGTGCCAGCATCCGCATT
b: T G F H E T S N I N D F S A G V A N R S A S I R I
c: T S N I N Y q g A S I R I
d: (-CB III-C) 310 315 320
T IX-C-1

1130 1140 1150 1160 1170 1180 1190
a: CCCCCGACTGTGCGCCAGGAGAAAGGTTACTTTGAAGACCGCCGCCCTCTGCCAATGTGACCCCTTTGCA
b: P R T V G Q E K K G Y F E D R R P S A N C D P F A
c: P R
d: T IX-E 330 335 340 345

1200 1210 1220 1230 1240 1250 1260 1270
a: GTGACAGAGCCCATCGTCCGCACATGCCTTCTCAATGAGACTGGCGGACGAGCCCTTCCAATACAAAACTAATTA
b: V T E A I V R T C L L N E T G D E P F Q Y K N ***
c: T C L L N Z T G B Z P F Q Y K
d: T VI-K 355 360 365 370 372

APPROVED	O.G. FIG	
BY	CLASS	SUBC
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1280 1290 1300 1310 1320 1330 1340
a: GACTTTGAGTGATCTTGAGCCCTTTCCTAGTTTCATCCACCCCGCCCGCTGTCTCATTTGTAACCTCAAAGGATGG

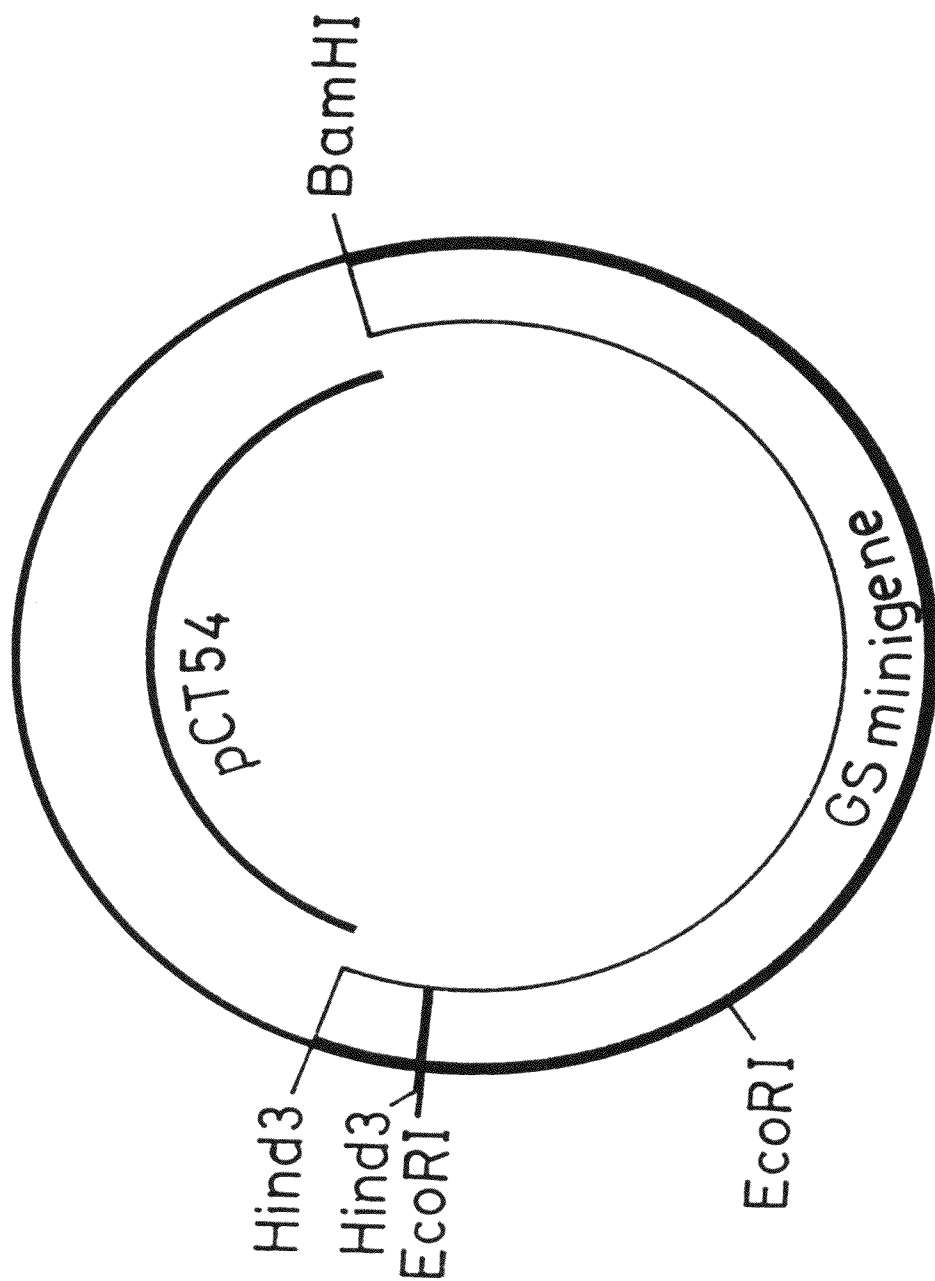
1350 1360 1370 1380 1390 1400 1410 1420
a: AATATCAAGGCTCTTTTATTTCCTCGTGCCCGAGTTAACTCTTGCTTTTATTGGTCAGAAATAGAGGATCAAGTTCTT
e: AATATCAAGGCTCTTTTATTTCCTCGTGCCCGAGTTAACTCTTGCTTTTATTGGTCAGAAATAGAGGATCAAGTTCTT

FIG.2e

APPROVED	O.G. FIG	
BY	CLASS	SUBC
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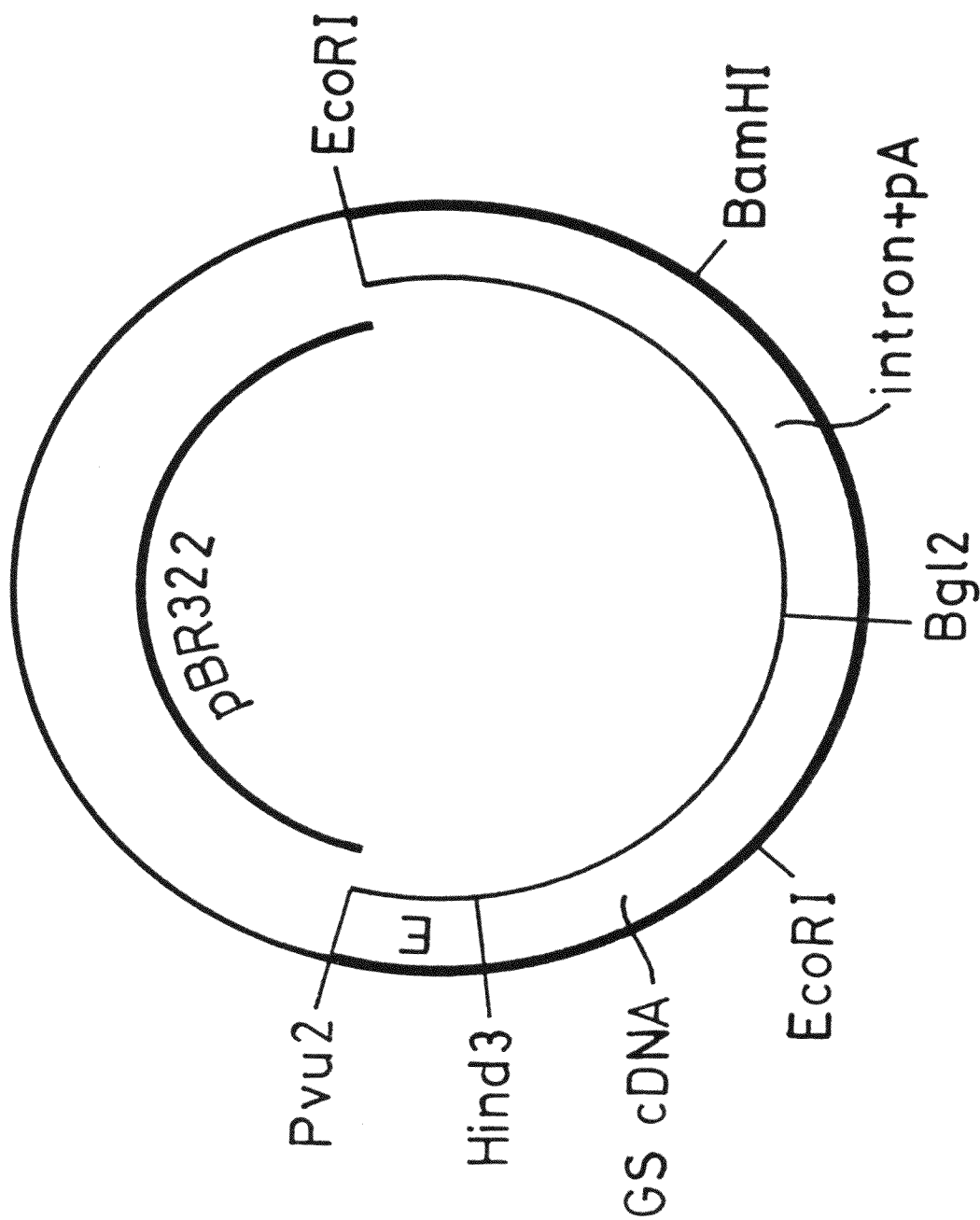
FIG. 3a pSVLGS.1



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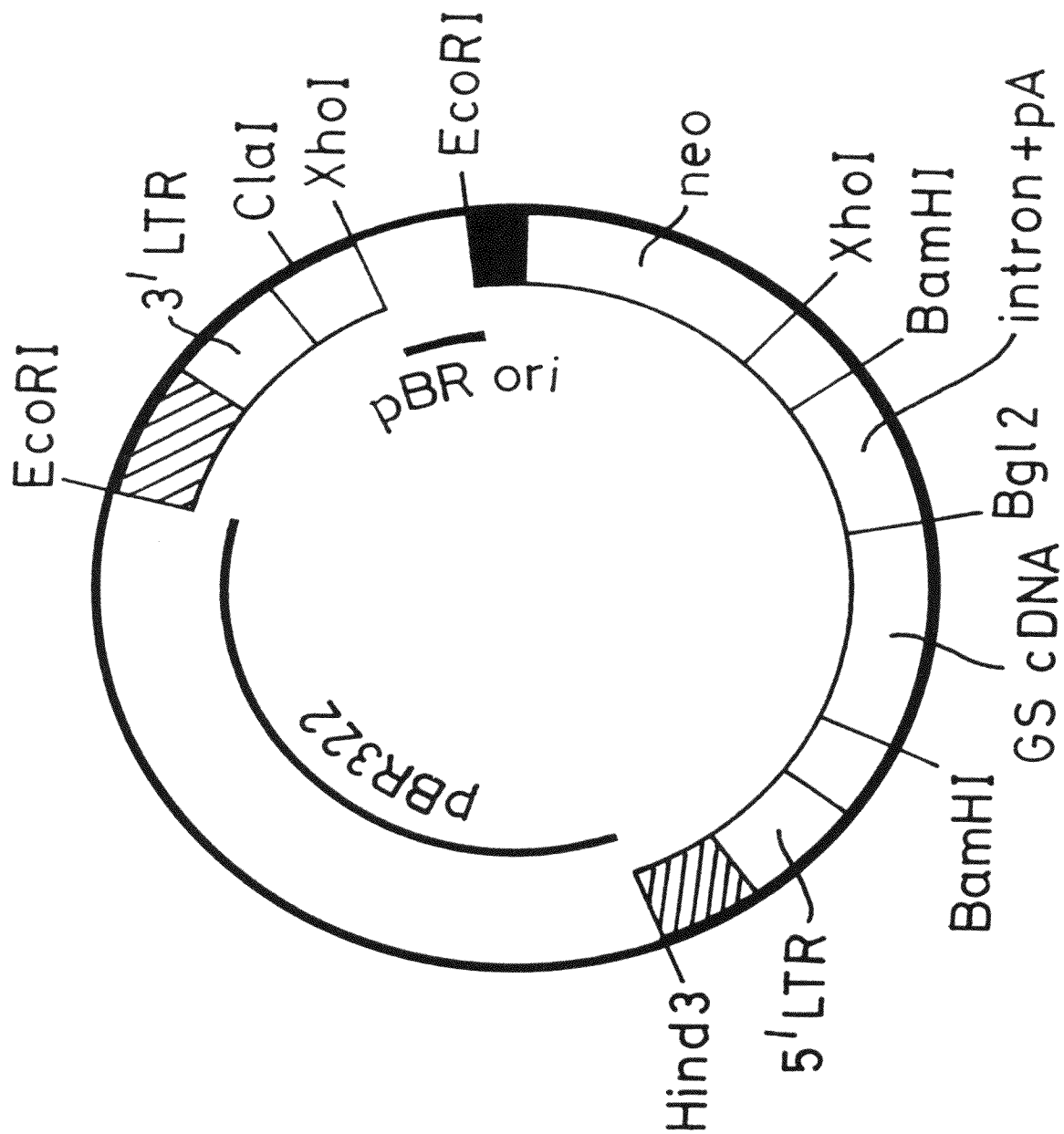
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FIG. 3b pSV2.GS



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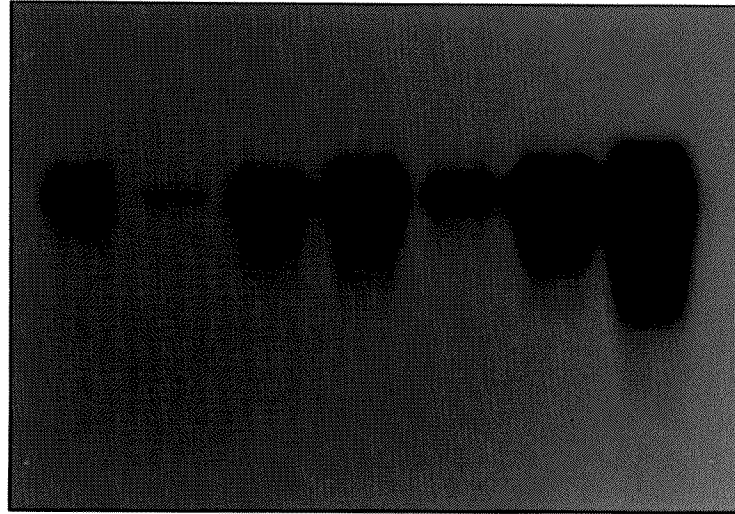
FIG. 3c pZIPGS



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A.

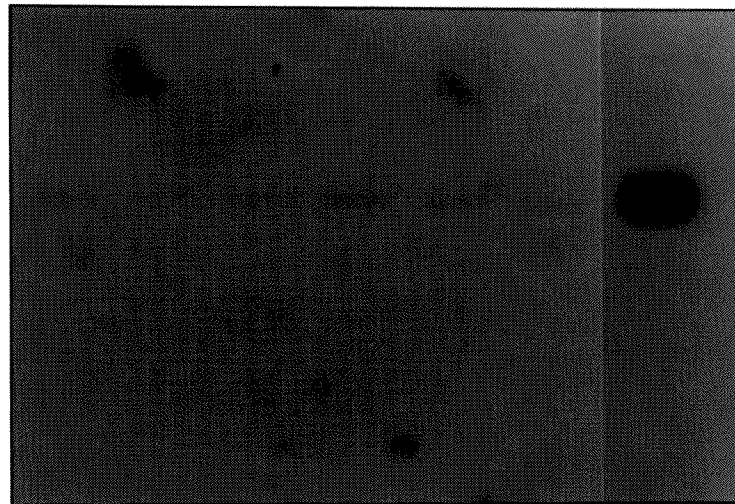
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B.

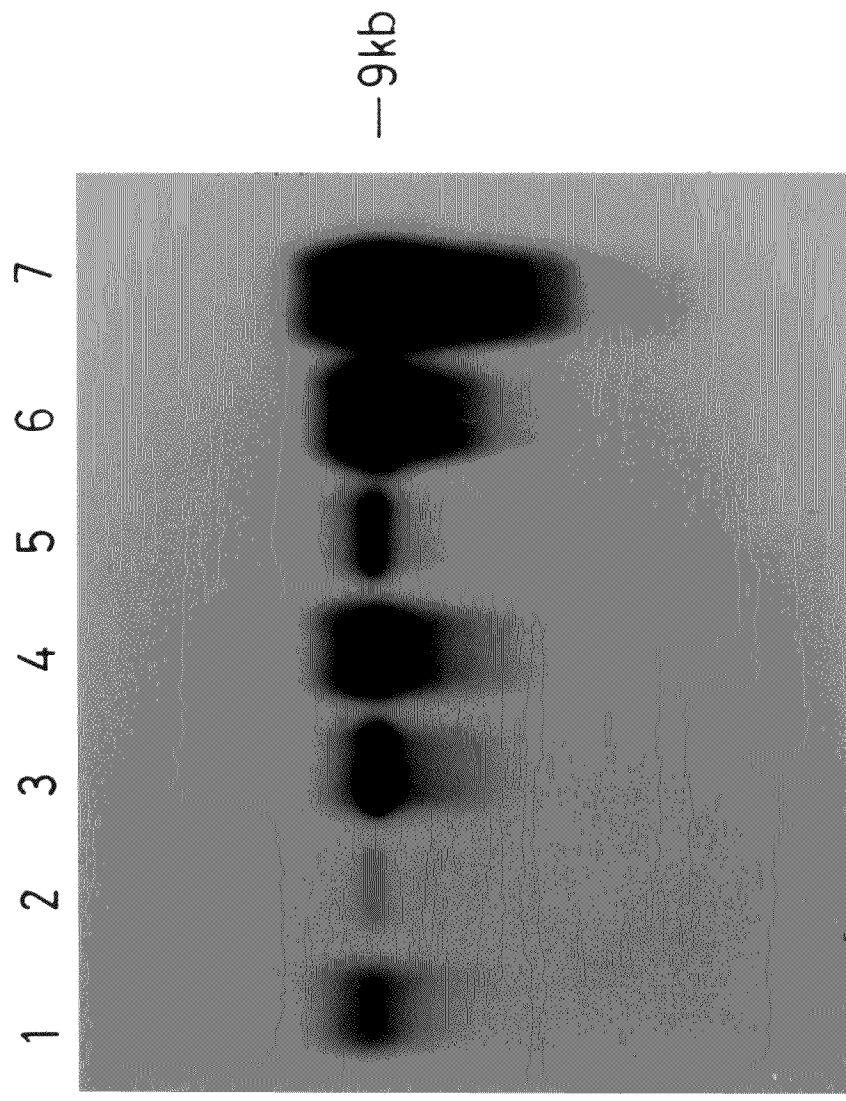
1 2 3 4 5 6 7



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Fig. 4

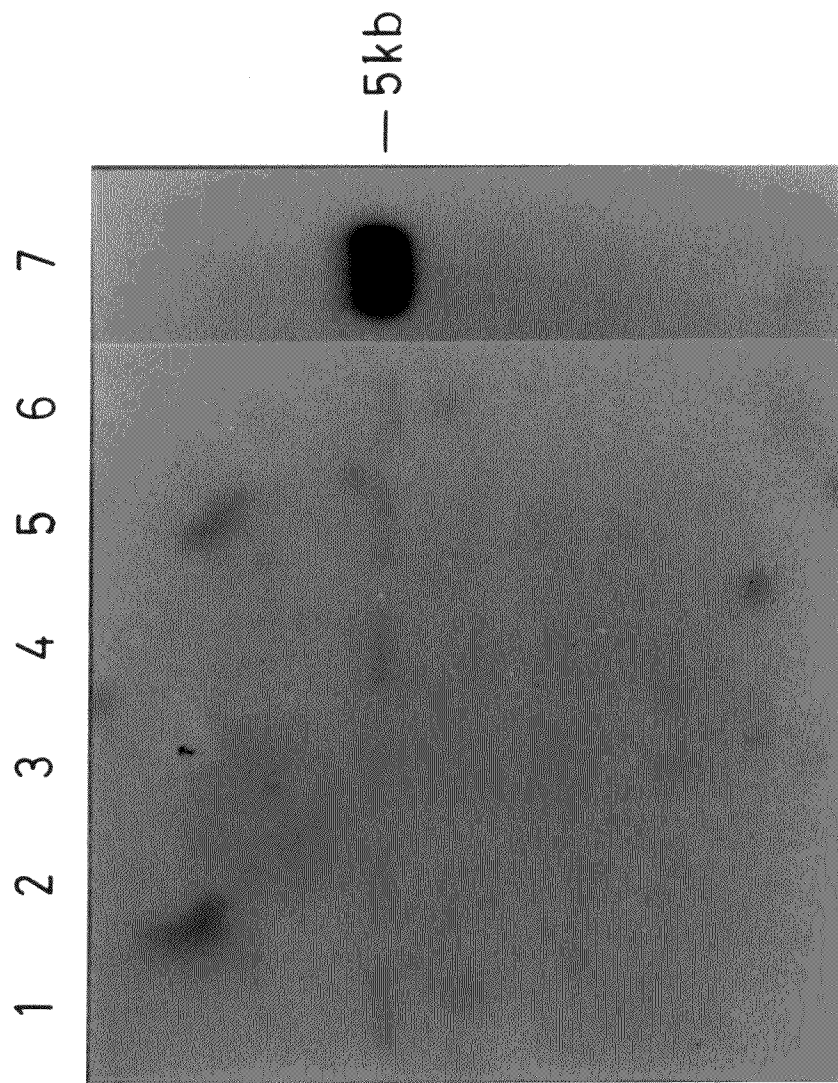
FIG. 4A



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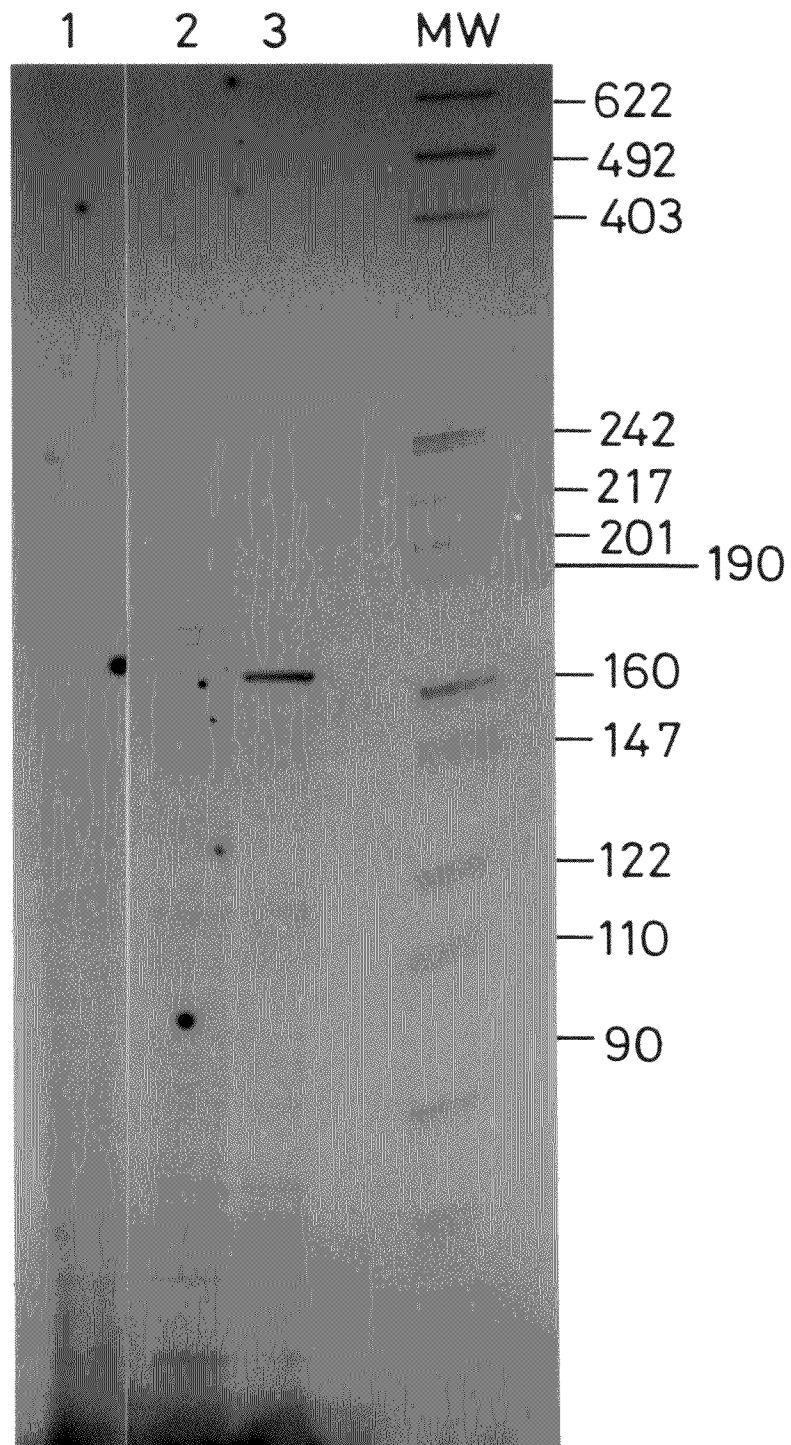
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FIG. 4B



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FIG. 5



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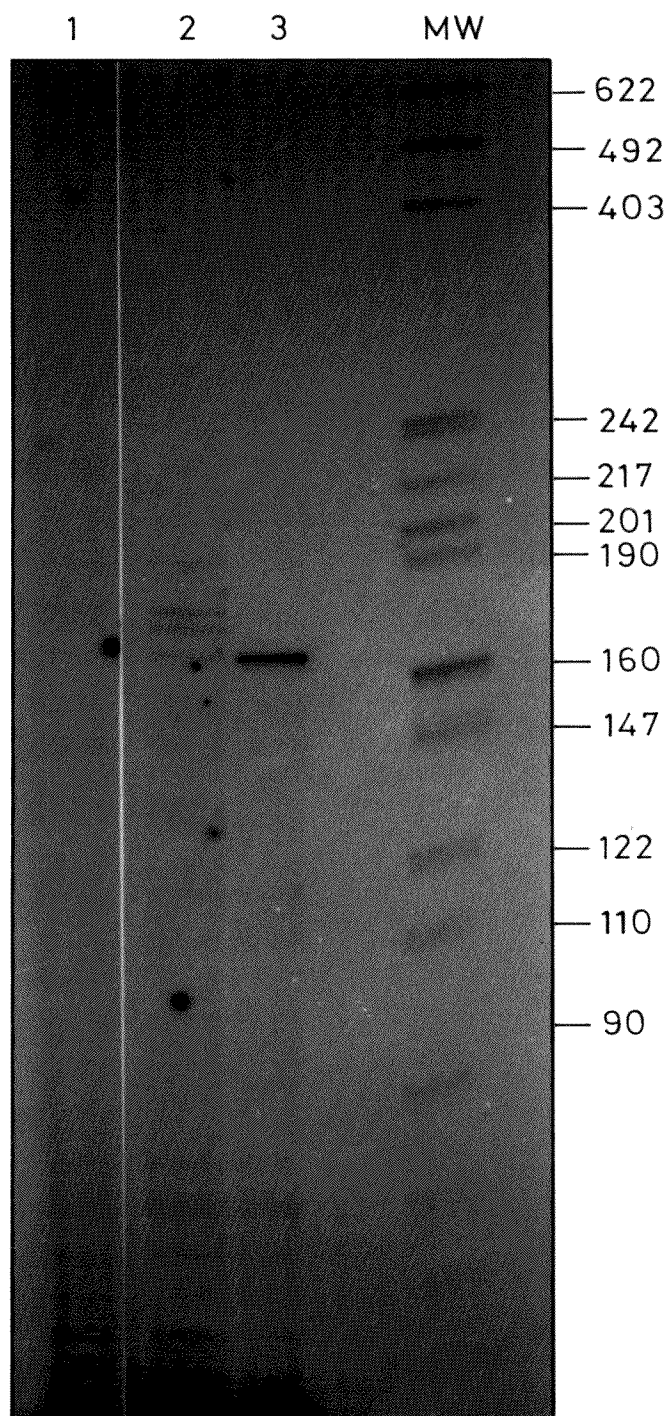


Fig. 5